

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/024337

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N5/74 H04N9/31 H04N7/16 G03B21/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G11B G03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 959 717 A (CHAUM JERRY) 28 September 1999 (1999-09-28) column 1, lines 28-32 column 1, lines 46-59 column 2, lines 34-38 column 3, lines 8-10 column 3, lines 38-48 column 4, lines 3-60 column 6, line 21 - column 11, line 61	1-32
A	US 2002/171813 A1 (KUDO YUKO ET AL) 21 November 2002 (2002-11-21) paragraphs '0003!, '0010!, '0013!, '0016!, '0041! - '0049!, '0062! - '0071!, '0076! - '0080!, '0086!, '0087!; figure 1 ----- -/--	1-32

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

13 October 2004

Date of mailing of the international search report

28/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Oberreich, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/024337

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 018 374 A (WROBLESKI WILLIAM J) 25 January 2000 (2000-01-25) column 1, line 45 column 2, lines 1-18 column 2, lines 55-57; figure 3 -----</p>	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/024337

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5959717	A	28-09-1999	NONE	
US 2002171813	A1	21-11-2002	JP 3468228 B2	17-11-2003
			JP 2002341449 A	27-11-2002
			US 2003206278 A1	06-11-2003
			US 2003206279 A1	06-11-2003
			US 2003214640 A1	20-11-2003
			EP 1261201 A2	27-11-2002
US 6018374	A	25-01-2000	NONE	